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10/537,429	06/02/2005	David Boxenhorn	29913	3153

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EXAMINER	
YOUSSEF, ADEL Y	

ART UNIT	PAPER NUMBER
2109	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

MN

Office Action Summary	Application No.	Applicant(s)	
	10/537,429	BOXENHORN, DAVID	
	Examiner	Art Unit	
	Adel Y. Youssef	2109	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *02 June 2005*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *35-54* is/are pending in the application.

4a) Of the above claim(s) *19* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *35-54* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *02 June 2005* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *02 June 2005*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION
Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) The invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claim 35-54 rejected under 35 U.S.C. 102(e) as being anticipated by Helgeson et al. (U.S. Patent No: 6643652)

Regarding claim 35, Helgeson et al teach an object (read as interface server 417or 800) (see Figure 4&8a) comprising:

- Enablement data (Column 11, lines 49-65); (the reference teaches an interface that contains mechanisms to manipulate various kinds of display style to generate and execute web links which is read as enablement data).

- A first identity arrangement (figure 8a; column 51, lines 1-20) (the reference teaches that inside web server 800 based on XML) for holding a first identity (that's XML Protocol) indicating a host or provider (fig4, #419,421 or 423) of said object (figure 4; column 11, lines 39-55); (interface server 417 communicates with server 421 using XML protocol).

- A second identity arrangement (figure 8a; column 51, lines 30-50) for holding a second identity (HTML, XSL/XSLT or WAP/WML Protocol) of a remote entity Establishing a relationship with said object via a network (fig4; Column 11, lines 60-66);(interface server 417 Communicates using HTML protocol with web server 405).

Regarding claim 36, Halgeson et al further teach the object (figure 4&8a) of claim 35, wherein said enablement data further comprises at least one of a link, attributes, a class identity and behavior. (Fig4; Column 13, lines 40-45 and column 14 lines 35-40); (the reference teaches an interface 417 that contains mechanisms to manipulate various kinds of display style to generate and execute web links which is read as enablement data see Fig8a ;Column 49 lines 55-64).

Regarding claim 37, Helgeson et al further teach the object (figure 4) of claim 35, further comprising a user interface 417 via which a user at said remote entity is able to carry out interactions therewith. (Column 11, lines 50-66); (the reference teaches an

interface via communicate through the Internet to the client)

Regarding claim 38, Helgeson et al further teach the object (figure 4&17) of claim 37, wherein said user interface 417 is configurable to permit interactions with other objects. (Figure 4; Column 11, lines 40-65 and column 136 lines 30-50); (the reference teaches an interface communicate between desktop and other object).

Regarding claim 39, Helgeson et al further teach an object (figure 4&8a) of claim 35, Configured as an interface 417 or 800 object to communicate between said remote user and another object, said interface object (Column 14, lines 15-20 and Column 16, lines 40-50); (the reference teaches an interface via communicate through the Internet to the client), figure 8a Comprising: a translating unit for translating messages between an external messaging protocol and an internal system protocol, and a communication unit for relaying messages between said remote entity and another object via said translating unit. (Column 2, lines 55-65; Figure 4 #409,425,427)(The reference teaches an communications between these servers use the xml protocol (409,425,427) for translating xml into protocol required by the services. (figure 8a ;Column 49, lines 40-65).

Regarding claim 40, Helgeson et al teach an object (figure4) of claim 39, wherein said translating unit (column 136 lines 1-10) is operable to relay messages between a plurality of other objects (column 16 lines 40-55) and said remote entity. (Figure

4;Column 11, lines 50-66);(the reference teaches translating xml protocol (409,425,427) for translating xml into protocol required by the services).

Regarding claim 41, Helgeson et al teach an object (figure 8a) of claim 35, wherein said enablement data further comprises at least one attribute and wherein said predetermined object behaviors allow altering of said at least one attribute. (Column 16, lines 25-35;Column 49, lines 40-50);(the reference teaches an every enablement data comprises between (804,802,806)).

Regarding claim42, Helgeson et al teach an object (see figure4) of claim 39, configured to generate messages in response to user interactions at said remote entity and to send said messages to said another object. (Column 36, lines 5-16); (the reference teaches that sending data item to at least one object "cell phone").

Regarding claim43, Helgeson et al teach an object (figure 2) of claim 42, wherein said messages are specific responses to any one of a group of computer-user interactions comprising: a key press, a mouse click, a mouse drag, a mouse select, a mouse drag and drop, a cut action, a copy action, a paste action, a launch action, an undo action, a redo action, a repeat action, and a delete action. Figure2 (Column 17, lines 40-50; Column 39, lines 30-50 and column 44lines 45-60 see tables 7a,7b);(the reference teaches the action between (I/O-CPU-Memory) and other different units).

Regarding claim 44, Helgeson et al teach an object (figure 4&8a) of claim 35, further comprising: a list, associated with a data item or event, comprising at least one object that has indicated a need to be updated regarding said (Column 17, lines 40-50; Column 20, lines 25-35) the reference teaches update object and update methods. Data item or event, and a publish module associated with said list for sending messages regarding data item or event to said at least one object. (column 14 lines 15-20 and Column 18, lines 40-60); (the reference teaches sending data item to at least one object ; see figure4&8a).

Regarding claim 45,Helgeson et al teach an object (figure8a) of claim 35, further comprising an object ID, which, together with said first and said second IDs, provides a unique identity thereto. (Column 45, lines 15-60 tables 8a&9;column 46 lines 20-60); (the reference teaches data to defines a security list by object ID).

Regarding claim 46,Helgeson et al teach an object (figure.4, 8a)
an interfacing system for activation, at a host, by a remote entity, of at least one first object comprising:

- Enablement data (Column 11, lines 49-65); (the reference teaches an interface that contains mechanisms to manipulate various kinds of display style to generate and execute web links which is read as enablement data).

- A first identity arrangement (figure 8a; column 51, lines 1-20) (the reference teaches that inside web server 800 based on XML) for holding a first identity (that's XML Protocol) indicating a host or provider (fig4, #419,421 or 423) of said object (figure 4; column 11, lines 39-55); (interface server 417 communicates with server 421 using XML protocol).

- A second identity arrangement (figure 8a; column 51, lines 30-50) for holding a second identity (HTML, XSL/XSLT or WAP/WML Protocol) of a remote entity Establishing a relationship with said object via a network (fig4 Column 11, lines 60-66); (interface server 417 Communicates using HTML protocol with web server 405).

Regarding claim 47,Helgeson et al teach an object (figure2&4) of claim 46, wherein said first object is remotely located from said host, and further comprising a desktop object located between said interfacing object and said at least one first object, said desktop object being configured to represent said at least one first object as a desktop icon and to provide desktop icon functionality to said remote entity. Figure 4 (Column 11, lines 45-65); (the reference teaches an interface communicate between desktop and other object), figure 2(Column 3,lines 50-65); (the reference teaches an purpose of the computer).

Regarding claim 48, Helgeson et al teach an object (figure4&8a) A hosting server for providing computing services over a network (workstation"401", internet "403", 405 "computer") to a plurality of remote users, the hosting server a host or provider (fig4, #419,421 or 423) comprising: a network interface "417" for interaction with remote users over said network; and at least one object, said Consider Claim 48, Helgeson et al shows an object (read as interface server 417in fig4, 800 in fig 17) (see figure 4) comprising:

- Enablement data (Column 11, lines 49-65); (the reference teaches an interface that contains mechanisms to manipulate various kinds of display style to generate and execute web links which is read as enablement data).
- A first identity arrangement (figure 8a; column 51, lines 1-20) (the reference teaches that inside web server 800 based on XML) for holding a first identity (that's XML Protocol)indicating a host or provider (fig4,#419,421 or 423) of said object (figure 4; column 11, lines 39-55); (interface server 417 communicates with server 421 using XML protocol).

- A second identity arrangement (figure 8a; column 51, lines 30-50) for holding a second identity (HTML , XSL/XSLT or WAP/WML Protocol)of a remote entity Establishing a relationship with said object via a network (fig4 Column 11, lines 60-66); (interface server 417 Communicates using HTML protocol with web

server 405).

Regarding claim 49,Helgeson et al teach an object (figure.1&4) of hosting network computing services (see figure 1) (column 12, lines 20-35) comprising: packaging into an object: Consider Claim 49, Helgeson et al shows an object (read as interface server 417) (see figure 4) comprising:

- Enablement data (Column 11, lines 49-65); (the reference teaches an interface that contains mechanisms to manipulate various kinds of display style to generate and execute web links which is read as enablement data).
- A first identity arrangement (figure 8a; column 51, lines 1-20) (the reference teaches that inside web server 800 based on XML)for holding a first identity (that's XML Protocol)indicating a host or provider (fig4,#419,421 or 423) of said object (figure 4; column 11, lines 39-55); (interface server 417 communicates with server 421 using XML protocol).

- A second identity arrangement (figure 8a; column 51, lines 30-50) for holding second identity (HTML , XSL/XSLT or WAP/WML Protocol)of a remote entity Establishing a relationship with said object via a network (fig4 Column 11, lines 60-66); (interface server 417 Communicates using HTML protocol with web server 405).

- Receiving a request from a respective remote entity over a network relating to said object and setting said second identity to identify said respective remote entity.

Regarding claim 50,Helgeson et al teach an object (figure8a&17) of claim 49, further comprising: creating an interface object, said interface object being (column 139 lines 50-65) responsive at least to standard user interaction events, and receiving interaction messaging from said remote entity at said interface object and using said interaction messaging to activate said at least one behavior. (column113 lines 25-35); (the reference teaches an interface via communicate through the Internet to the client), (figure 8a ;Column 49, lines 25-40 and figure 17 column 134 lines 55-65)

Regarding claim 51,Helgeson et al teach an object (figure4&17) of claim 49, comprising using said second identity for personalization of said object for said remote entity. , Helgeson et al shows an object (read as interface server 417; see figure 4) (The reference teaches that second data using for personal server). Figure17 (The reference teaches from the drawing that (read as interface server 1721 showing the second as xml as personal).

Regarding claim 52, Helgeson et al teach an object (figure4,8a)
The method of claim 51, comprising using respective second identities to define an aggregation of personalized objects as a workspace environment for said remote entity.

, Helgeson et al shows an object (read as interface server 417) (see figure 4) (Column 11, lines 40-65); (The reference teaches that second data using for personal server). Figure17 (The reference teaches from the drawing that (read as interface server 1721) showing the second as xml as personal).

Regarding claim 53, by Helgeson et al teach an object (figure 1&4)

A system for inter working over a network, comprising a plurality of objects located on said network, each object (see figure 1;column 12, lines 20-35).

Consider Claim 53, Helgeson et al shows an object (read as interface server 417;see figure 4) comprising:

- Enablement data (Column 11, lines 49-65); (the reference teaches an interface that contains mechanisms to manipulate various kinds of display style to generate and execute web links which is read as enablement data).
- A first identity arrangement (figure 8a; column 51, lines 1-20) (the reference teaches that inside web server 800 based on XML) for holding a first identity (that's XML Protocol) indicating a host or provider (fig4,#419,421 or 423) of said object (figure 4; interface server 417 communicates with server 421 using XML protocol).

- A second identity arrangement (figure 8a; column 51, lines 30-50) for holding a second identity (HTML , XSL/XSLT or WAP/WML Protocol)of a remote entity

Establishing a relationship with said object via a network (fig4 Column 11, lines 60-66); (interface server 417 Communicates using HTML protocol with web server 405).

- Receiving a request from a respective remote entity over a network relating to said object and setting said second identity to identify said respective remote entity. Figure4 (Column 11, lines 50-60); (the reference teaches an interface via communicate through the Internet to the client)

Regarding claim 54, Helgeson et al teach an object (figure.4 8a) of claim 53, wherein more than one of said plurality of objects holds in common at least one of said first and said second identity. (Figure 4; column 11, lines 48-65); (interface server 417 using different protocol with web server 405). (See Figure 8a; column50, lines 40-60);(interface server 800 using different xml).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure Ali et al. (U.S. Patent No: 6704723) teaches a system is provided for exchanging information over a computer network.

4. Any response to this Office Action should be **faxed** to (571) 273-8300 or **mailed to:**
Commissioner for patents
P.O.Box1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window

Randolph Building

401 Dulany Street

Alexandria, VA 22314

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adel Y. Youssef whose telephone number is 571-270-3525. The examiner can normally be reached on Monday to Thursday 8am-5pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BENNY TIEU can be reached on 571-272-7490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Art unit:2109
08/02/2007

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